

THE WESTERN Journal of Medicine

VOLUME 137 • NUMBER 5 NOVEMBER 1982

ORIGINAL ARTICLES

- 365 *Campylobacter Enteritis: A Large Outbreak Traced to Commercial Raw Milk*
DAVID N. TAYLOR, MD; BRUCE W. PORTER, MPA; CYNTHIA A. WILLIAMS, BS; HILLARY G. MILLER; CHERYL A. BOPP, BS, and PAUL A. BLAKE, MD
- 370 *Middle Ear Effusion in Children: A Report of Treatment in 500 Cases*
BRIAN D. FORQUER, MS, and FRED H. LINTHICUM, Jr, MD
- 375 *Peptic Ulcer Disease and Other Complications in Patients Receiving Dexamethasone Palliation for Brain Metastasis*
RICHARD D. PEZNER, MD, and JAMES A. LIPSETT, MD

MEDICAL PROGRESS

- 379 *Fasting: The History, Pathophysiology and Complications*
PETER R. KERNDT, MD; JAMES L. NAUGHTON, MD; CHARLES E. DRISCOLL, MD, and DAVID A. LOXTERKAMP, MD

MEDICAL STAFF CONFERENCE

- 400 *Pneumocystis Lung Disease in Homosexual Men* Chief Discussant: JEFFREY GOLDEN, MD

EPITOMES OF PROGRESS

- 408 *Orthopedics—Important Advances in Clinical Medicine*

EDITORIALS

- 417 • *Is It Time for a Fundamental Reexamination of Medical Education?* • *Fasting* • *Acquired Immune Dysfunction in Homosexual Men* • *How About Organizing 'Friends of Medicine'?* • *Overdose With Tricyclic Antidepressants*

CASE REPORTS

- 425 *Admission Criteria for Tricyclic Antidepressant Ingestion* MICHAEL CALLAHAM, MD
- 429 *Hypervitaminosis A—A Cause of Hypercalcemia* SUNITA C. BAXI, MD, and GEORGE E. DAILEY III, MD
- 431 *Survival After Intracerebral Hemorrhage in Wegener's Granulomatosis*
CHRISTOPHER BAILLIE HEARNE, MD, and EDWARD T. ZAWADA, Jr, MD

CORRESPONDENCE

- 435 • *Differential Diagnosis of Pleural Effusions* • *AMA and a National Health Policy*
• *Ascaris Infection in Washington State* • *Usefulness of IDA Scanning* • *Nuclear Armaments* • *Sherlock in the Emergency Room* • *Serendipitous Diagnosis of Multiple Myeloma by Hemoglobin Electrophoresis* • *Leukemia in Hospital Patients With Occupational Exposure to the Sawmill Industry* • *High Rock, High Tech and Karl Marx* • *A Distinction in Terminology*

TOPICS IN PRIMARY CARE MEDICINE

- 443 *Kicking the Habit: Benefits and Methods of Quitting Cigarette Smoking* STEVEN R. CUMMINGS, MD

HEALTH CARE DELIVERY

- 448 *Physician Behavior Modification Using Claims Data: Tetracycline for Upper Respiratory Infection*
THOMAS S. McCONNELL, MD; ALICE H. CUSHING, MD; ARTHUR D. BANKHURST, MD; JAMES L. HEALY, MA; PATRICIA A. McILVENNA, MA, and BETTY J. SKIPPER, PhD

MEDICINE IN PERSPECTIVE

- 451 *Medical Adventure in South America* WILLIAM L. MINKOWSKI, MD, MPH

SPECIAL ARTICLE

- 460 *Anatomy, Physiology and Pathology of Biomedical Information* HAROLD M. SCHOOLMAN, MD

INFORMATION

- 467 *Scope of Practice* C. JOHN TUPPER, MD
- 468 *Sources of Supply of Selected Immunobiologics: 1982* S. BENSON WERNER, MD
- 471 *Book Reviews* • *Books Received, See Advertising Page 50*
- 476 *In Memoriam*
Medical Practice Questions, See Pages 374, 447, 450 and 459
Detailed Table of Contents, See Advertising Pages 7 and 11
Information for Authors, See Advertising Page 46

- ★ CONTINUING MEDICAL EDUCATION ACTIVITIES IN CALIFORNIA, HAWAII AND NEVADA; ALASKA; IDAHO; MONTANA; NEW MEXICO; OREGON; UTAH; WASHINGTON; WYOMING (See Advertising Page 15)

- ★★ Official Journal of the California Medical Association, the Idaho Medical Association, the Nevada State Medical Association, the New Mexico Medical Society, the Utah State Medical Association, the Washington State Medical Association and the Wyoming Medical Society

21K928100 821015READMOREPI01
READMORE PUBLICATIONS INC
ATTN-INDEX MED-NLM-51003
140 CEDAR ST
NEW YORK NY 10006

THE WESTERN Journal of Medicine

VOLUME 137 • NUMBER 5 NOVEMBER 1982

TABLE OF CONTENTS

ORIGINAL ARTICLES

- 365 **Campylobacter Enteritis: A Large Outbreak Traced to Commercial Raw Milk**
DAVID N. TAYLOR, MD; BRUCE W. PORTER, MPA; CYNTHIA A. WILLIAMS, BS; HILLARY G. MILLER; CHERYL A. BOPP, BS, and PAUL A. BLAKE, MD
From the Enteric Bacteriology and Epidemiology Branch, Center for Infectious Diseases, Centers for Disease Control, US Public Health Service, US Department of Health and Human Services, Atlanta; the Pima County Health Department, Tucson, and the Arizona State Department of Health Services, Phoenix.
- 370 **Middle Ear Effusion in Children: A Report of Treatment in 500 Cases**
BRIAN D. FORQUER, MS, and FRED H. LINTHICUM, Jr, MD
From the Otologic Medical Group, Los Angeles.
- 375 **Peptic Ulcer Disease and Other Complications in Patients Receiving Dexamethasone Palliation for Brain Metastasis**
RICHARD D. PEZNER, MD, and JAMES A. LIPSETT, MD
From the Division of Radiation Oncology, City of Hope National Medical Center, Duarte, California.

MEDICAL PROGRESS

- 379 **Fasting: The History, Pathophysiology and Complications**
PETER R. KERNDT, MD; JAMES L. NAUGHTON, MD; CHARLES E. DRISCOLL, MD, and DAVID A. LOXTERKAMP, MD
From the Department of Medicine, University of California, San Francisco, and the Department of Family Practice, University of Iowa College of Medicine, Iowa City.

MEDICAL STAFF CONFERENCE

- 400 **Pneumocystis Lung Disease in Homosexual Men** Chief Discussant: JEFFREY GOLDEN, MD
A discussion selected from the weekly staff conferences in the Department of Medicine, University of California, San Francisco. Taken from a transcription, it was prepared by Drs. David W. Martin, Jr, Professor of Medicine, and David G. Warnock, Associate Professor of Medicine, under the direction of Dr. Lloyd H. Smith, Jr, Professor of Medicine and Chairman of the Department of Medicine.

EPITOMES OF PROGRESS

Orthopedics—Important Advances in Clinical Medicine

Items of progress in orthopedics. Each item in the judgment of a panel of knowledgeable physicians has recently become reasonably firmly established, both as to scientific fact and important clinical significance.

- 408 **Injection of Steroid Agents in Solitary Bone Cysts** TILLMAN M. MOORE, MD
- 409 **Methacrylate Cementation for Giant Cell Tumor** TILLMAN M. MOORE, MD
- 409 **Limb Replantation** ROY A. MEALS, MD
- 410 **Foot Problems in Diabetes Mellitus** GILBERT WRIGHT, MD
- 410 **The Treatment of Acetabular Fractures** DAVID H. GERSHUNI, MD, FRCS
- 411 **Rattlesnake Bites: Current Hospital Therapy** STEVEN R. GARFIN, MD
- 412 **Spinal Stenosis** GRAHAM A. PURCELL, MD
- 412 **Vascularized Bone Grafts** GARY K. FRYKMAN, MD
- 413 **The Role of Hyperbaric Oxygen in Orthopedics** MICHAEL B. STRAUSS, MD
- 414 **Surgical Management of Scoliosis** WILLIAM C. McMASTER, MD
- 415 **Orthopedic Management of Patients With Multiple Injuries** PETER G. TRAFTON, MD
- 415 **Arthroscopic Surgical Techniques** CHARLES R. STROTZ, MD

EDITORIALS

- 417 **Is It Time for a Fundamental Reexamination of Medical Education?**
- 418 **Fasting** THOMAS J. MERIMEE, MD
Dr. Merimee is Director, Division of Endocrinology and Metabolism, and Professor of Medicine, Department of Medicine, University of Florida College of Medicine, Gainesville.
- 419 **Acquired Immune Dysfunction in Homosexual Men** ARTHUR J. AMMANN, MD
From the Pediatric Immunology-Rheumatology Division, Pediatric Clinical Research Center, University of California, San Francisco.
- 421 **How About Organizing 'Friends of Medicine'?**
- 422 **Overdose With Tricyclic Antidepressants** RENE A. LANGOU, MD
Dr. Langou is Associate Professor of Medicine, Yale University School of Medicine, New Haven, Connecticut.

CASE REPORTS

- 425 **Admission Criteria for Tricyclic Antidepressant Ingestion** MICHAEL CALLAHAM, MD
From the Emergency Medicine Department, Highland General Hospital, Oakland, California, and the Department of Medicine, University of California, San Francisco.
- 429 **Hypervitaminosis A—A Cause of Hypercalcemia** SUNITA C. BAXI, MD, and GEORGE E. DAILEY III, MD
From the Division of Diabetes and Endocrinology, Scripps Clinic and Research Foundation, La Jolla, California.
- 431 **Survival After Intracerebral Hemorrhage in Wegener's Granulomatosis**
CHRISTOPHER BAILLIE HEARNE, MD, and EDWARD T. ZAWADA, Jr, MD
From the Department of Medicine, University of Utah School of Medicine, and the Veterans Administration Medical Center, Salt Lake City.

(Continued on Page 11)

(Continued from Page 7)

CORRESPONDENCE

Differential Diagnosis of Pleural Effusions

- 435 PREETHAM KONDLAPOODI, MD, and JUAN B. GABRIEL, Jr, MD
 435 JAMES B. D. MARK, MD
 436 *AMA and a National Health Policy* JOSEPH F. BOYLE, MD
 436 *Ascaris Infection in Washington State* PHYLLIS SHOEMAKER-NAWAS, BA; FLOYD FROST, PhD; JOHN KOBAYASHI, MD, MPH, and PHILLIP JONES, MD, MPH
 437 *Usefulness of IDA Scanning* JEFFREY L. KAUFMAN, MD
 437 *Nuclear Armaments*
 437 CHRISTINE K. CASSEL, MD
 438 RICK LESKOWITZ, MD
 438 *Sherlock in the Emergency Room* J. S. GRISOLIA, MD, and W. C. WIEDERHOLT, MD
 439 *Serendipitous Diagnosis of Multiple Myeloma by Hemoglobin Electrophoresis* DENNIS A. CASCIATO, MD
 440 *Leukemia in Hospital Patients With Occupational Exposure to the Sawmill Industry* JOHN A. BURKART, PhD
 441 *High Rock, High Tech and Karl Marx* E. R. W. FOX, MD
 442 *A Distinction in Terminology* JOEL A. STETTNER, MD

TOPICS IN PRIMARY CARE MEDICINE

- 443 *Kicking the Habit: Benefits and Methods of Quitting Cigarette Smoking* STEVEN R. CUMMINGS, MD
 From the Division of General Internal Medicine, Department of Medicine, University of California, San Francisco.

HEALTH CARE DELIVERY

- 448 *Physician Behavior Modification Using Claims Data: Tetracycline for Upper Respiratory Infection*
 THOMAS S. McCONNELL, MD; ALICE H. CUSHING, MD; ARTHUR D. BANKHURST, MD; JAMES L. HEALY, MA;
 PATRICIA A. McILVENNA, MA, and BETTY J. SKIPPER, PhD
 From the New Mexico Professional Standards Review Organization, Ambulatory Care Demonstration Project, Albuquerque.

MEDICINE IN PERSPECTIVE

- 451 *Medical Adventure in South America* WILLIAM L. MINKOWSKI, MD, MPH

SPECIAL ARTICLE

- 460 *Anatomy, Physiology and Pathology of Biomedical Information* HAROLD M. SCHOOLMAN, MD
 Dr. Schoolman is Deputy Director for Research and Education, National Library of Medicine, Bethesda, Maryland.

INFORMATION

- 467 *Scope of Practice* C. JOHN TUPPER, MD
 Dr. Tupper is Professor, Departments of Internal Medicine, Community Health and Family Practice, University of California, Davis, School of Medicine, Davis, and Chairman of the California Medical Association Commission on State Legislation.
 468 *Sources of Supply of Selected Immunobiologics: 1982* S. BENSON WERNER, MD
 From the Infectious Disease Section, California Department of Health Services, Berkeley.

BOOK REVIEWS

- 471 *The Elbow* Edited by THOMAS G. WADSWORTH, MChOrth, FRCS, FRCSE
 Reviewed by MARVIN B. HAYS, MD
 471 *Current Pediatric Diagnosis & Treatment—Seventh Edition*
 By C. HENRY KEMPE, MD; HENRY K. SILVER, MD; DONOUGH O'BRIEN, MD, FRCP, and Associate Authors
 Reviewed by PAUL F. WEHRLE, MD
 471 *Office Gynecology—Second Edition* Edited by ROBERT H. GLASS, MD
 Reviewed by RALPH W. HALE, MD
 471 *Ultrastructural Appearances of Tumors—A Diagnostic Atlas*
 By DOUGLAS W. HENDERSON, MB, BS, FRCPA, and JOHN M. PAPADIMITRIOU, MD, PhD, MRCPATH, FRCPA
 Reviewed by EDWARD A. SMUCKLER, MD, PhD
 472 *Paediatric Cardiology—Volume 4: Proceedings of the World Congress of Paediatric Cardiology Held in London in 1980* Edited by M. J. GODMAN, MB, ChB(Edin), FRCP(Edin)
 Reviewed by BEVERLY C. MORGAN, MD
 472 *Annual Review of Nutrition—Volume 1* By WILLIAM J. DARBY, Editor; HARRY P. BROQUIST and ROBERT E. OLSON, Associate Editors
 Reviewed by MARION NESTLE, PhD
 473 *Physician's Handbook—Twentieth Edition*
 By MARCUS A. KRUPP, MD; LAWRENCE M. TIERNEY, Jr, MD; ERNEST JAWETZ, MD, PhD; ROBERT L. ROE, MD, and CARLOS A. CAMARGO, MD
 Reviewed by ELLIOTT B. OPPENHEIM, MD
 473 *Willis's Oxford Casebook (1650-1652)* Introduced and Edited by KENNETH DEWHURST, TD, MD, DPhil, FRCPsych
 Reviewed by ILZA VEITH, PhD, DmedSci
 473 *Annual Review of Neuroscience—Volume 5, 1982*
 Edited by W. MAXWELL COWAN, MD, Editor; and ZACH W. HALL, PhD, and ERIC R. KANDEL, MD, Associate Editors
 Reviewed by GEORGE K. YORK, MD
 474 *Douglas-Stromme Operative Obstetrics—Fourth Edition*
 By EDWARD J. QUILLIGAN, MD, and FREDERICK ZUSPAN, MD; With Contributions by WILLIAM J. LEDGER, MD; BARRY S. SCHIFRIN, MD, and FEIZAL WAFFARN, MD
 Reviewed by MORTON A. STENCHEVER, MD
 474 *So You Want To Be a Doctor?: The Realities of Pursuing Medicine as a Career* By NAOMI BLUESTONE, MD
 Reviewed by LOUIS BORGENT, MD
 475 *Coping in Medical School* By BERNARD VIRSHUP, MD
 Reviewed by H. HARRISON SADLER, MD
 475 *Pathophysiology: The Biological Principles of Disease (Volume 1 of International Textbook of Medicine)*
 Edited by LLOYD H. SMITH, Jr, MD, and SAMUEL O. THIER, MD
 Reviewed by GEORGE A. PORTER, MD
 476 *In Memoriam*
Medical Practice Questions, See Pages 374, 447, 450 and 459
Information for Authors, See Advertising Page 46
Books Received, See Advertising Page 50
Subscription Information, See Advertising Page 57

★ CONTINUING MEDICAL EDUCATION ACTIVITIES IN CALIFORNIA, HAWAII AND NEVADA; ALASKA; IDAHO; MONTANA; NEW MEXICO; OREGON; UTAH; WASHINGTON; WYOMING (See Advertising Page 15)

★★ Official Journal of the California Medical Association, the Idaho Medical Association, the Nevada State Medical Association, the New Mexico Medical Society, the Utah State Medical Association, the Washington State Medical Association and the Wyoming Medical Society